

Name of Asteroid.	Diameter in Miles.	Name of Asteroid.	Diameter in Miles.
31. Euphrosyne	... 46	52. Europa	... 72
32. Pomona	... 42	53. Calypso	... 29
33. Polyhymnia	... 36	54. Alexandra	... 40
34. Circe	... 29	55. Pandora	... 44
35. Leucothea	... 31	56. Melete	... 29
36. Atalanta	... 18	57. Mnemosyne	... 63
37. Fides	... 47	58. Concordia	... 31
38. Leda	... 40	59. Olympia	... 36
39. Lætitia	... 90	60. Echo	... 17
40. Harmonia	... 61	61. Danaë	... 38
41. Daphne	... 61	62. Erato	... 40
42. Isis	... 39	63. Ausonia	... 49
43. Ariadne	... 33	64. Angelina	... 44
44. Nysa	... 42	65. Maximiliana	... 63
45. Eugenia	... 44	66. Maia	... 18
46. Hestia	... 25	67. Asia	... 22
47. Aglaia	... 43	68. Leto	... 60
48. Doris	... 57	69. Hesperia	... 32
49. Palis	... 61	70. Panopia	... 36
50. Virginia	... 25	71. Niobe	... 46
51. Nemausa	... 38		

On the Lunar Crater Linné.

(Extract from a Letter from Prof. Mädler to Mr. Birt.)

"A few months ago I was honoured with a letter of yours, and now having looked over my original manuscripts respecting the Moon's surface, I take the liberty to answer.

"The Crater *Linné*, situated in $+ 27^{\circ} 47' 13''$ N.L. and $+ 11^{\circ} 32' 28''$ W.L. has a diameter of 1.4 geographical miles. In full moon, the edge of it is not very sharply limited, but in oblique illumination it is very distinct, and I have measured it seven times with great facility. The light of the edge is noted permanently 6° , the very small inner space has nearly or full the same brightness till the moment when shadows begin. I measured its co-ordinates, 1831 Dec. 12, five times, and Dec. 13, two times.

"Bonn, June 6, 1867."

Erratum in the Astronomer Royal's "Undulatory Theory. Macmillan and Co., 1866." By E. J. Stone, Esq.

On page 80 line 4, for "Let this angular diameter in seconds be *s*" read "Let this angular *semi-diameter* in seconds be *s*."

Mr. Knott's "calculated diameters of extreme disks," *Monthly Notices*, vol. xxvii, No. 5, page 191, require to be each multiplied by 2. It will then be seen that the observed diameters of the disks are *very* much smaller than the diameters of the first black rings, a result to be expected from the rapid degradation of the light as we proceed from the centre. See *Monthly Notices*, vol. xxvi, No. 2, page 45. The measures of disks must however from this cause be most uncertain.

Instrument for Sale.

A 30-inch Transit by Troughton and Simms; 2 $\frac{3}{4}$ -inch object-glass; with micrometer eye-piece and all the modern improvements; cast-iron stand with adjustable bearings, and worm and tangent-screw at base.

Errata.

Page 223, "Additional Remarks on the Solar Eclipse of Nov. 6, 1867, by A. Brothers, Esq."

For Nov. 6, *read* March 6.

Page 229, line 10, *for* obscuration *read* observation.

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